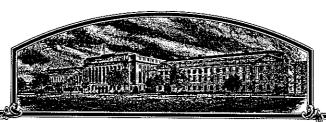
No.



8600023

TO ALL TO WHOM THESE: PRESENTS SHALL COME;

# Welta and Wine Kand Company Welkereas, there has been presented to the

### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART hereof, and the various requirements of LAW in such cases made and provided have BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED to be entitled to a certificate of plant variety protection under the LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLI-CANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EX-LUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT TY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT ŗ. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'Deltapine 566'

In Lestimony Marcot, I have hexeunto set my hand and caused the seal of the Plant Tariety Protection Office to be affixed at the City of Washington, D. C. the year of our Lord one thousand nine hundred and eighty-six.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE    Instructions on reverse	U.S. DEPARTMENT OF AGRICULTURE			FORM APPROVED: OMB NO. 0581-0055		
INAME OF APPLICANT(S) Delta and Pine Land Company Deltapine 566 Deltapine 566  A ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) Scott, Mississippi 38772 B. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED Scott, Mississippi 38772 Deltapine 566  A ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) Scott, Mississippi 38772 B. KIND NAME B. KIND NAME B. Legumino Sae  I. Legumino Sae  II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.) Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.) Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.) Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.) Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Deltay Corporation II. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Legumino Sae  III. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Legumino Sae  III. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Legumino Sae  III. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Legumino Sae  III. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, susceitor, sto.)  Legumino Sae  III. JETHE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (	AGRICULTURAL MARKETING SERVICE APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE			be issued (7 U.S.C. 2421). Information is		
Deltapine 566  Deltap	<del></del>					
A ADDRESS (Streat and No. or R.F.D. No. City, State, and Zip Code) S. PHONE (Include area code)  Scott, Mississippi 38772  8. GENUS AND SPECIES NAME  Glycine max  Legumino Sae  Legumino Sae  R. KIND NAME  Soybean  November 1977  10. If the APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.)  Corporation  11. If Incorporated, Give State of Incorporation Delaware  Corporation  12. Daybear S. AMOUNT FOR FILING South S. Saybean  November 1977  Legumino Sae  Soybean  November 1977  Corporation  13. If Incorporated, Give State of Incorporation Delaware Legumino Sae  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED Legumino Sae  B. Eshibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)  Eshibit B, Novelty Statemen.  Eshibit B, Novelty Statemen.  Eshibit B, Statement of the Basis of Applicant's Ownership.  Does The Applicant's Specific That Table Does Till y Applicant's Ownership.  Social Social Solid of the Plant Variety Protection Office.)  Eshibit B, Statement of the Basis of Applicant's Ownership.  Office Noted Purplement Specific That Table Does Till y Applicant's Ownership.  Does The Applicant's Specific That Table		¥.	2. TEMPORARY DESIGNATION	3. VARIETY NAME		
Scott, Mississippi 38772  6. Genus and Species name  Glycine max  Legumino sae  Legumino sae  Soybean  November 1977  10. If the applicant named is not a "person." Give form of organization (Corporation, gastlength), susception, etc.]  Corporation  11. If incorporated, give state of incorporation  Delaware  13. Mank and additional Description of Data and Pline Land Company  Scott, Mississippi 38772  Phone (Include area code):  14. CHECK appropriate Box for each attachment submitted  a. Deshibit B, Novelty Statemen.  C. Exhibit B, Novelty Statemen.  Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Act.)  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  15. Dest the Applicant's Species of the Plant Variety Protection Office.]  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  16. Does the Applicant's Species of the Plant Variety Protection Office.]  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  16. Does the Applicant's Species of the Plant Variety Protection Office.]  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  16. Does the Applicant's Species of the Plant Variety Protection Office.]  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  16. Does the Applicant's Species of the Plant Variety Protection Office.]  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  16. Does the Applicant's Species of the Plant Variety Protection Office.]  Exhibit B, Statement of the Basis of Applicant's Ownerthip.  16. Does the Applicant's Species of Short of Short Exhibit B, Statement Countries of Centified  17. Figure Section Shide of the Basis of Applicant's Ownerthip.  18. Did the Applicant's Species of Shide Shide Section Shide of Shide Shide Shide Shide Shide Shide Section Shide Shid	Delta and Pine Land Comp	any	Deltapine 566	Deltapine 566		
6. GENUS AND SPECIES NAME  Glycine max  Legumino Sae  Legumino Sae  Legumino Sae  Legumino Sae  Soybean  November 1977  November 1977  In If the applicant named is not a "person." Give form of Organization (Corporation, Successfor, etc.)  Corporation  In IF INCORPORATED, GIVE STATE OF INCORPORATION  Delaware  13. NAME AND ADDRESS OF APPLICANT EPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  Harry B. Collins  Delta and Pine Land Company  Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  a. Dekhbit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)  Delta Babbit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Office.)  Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)  Exhibit D, Section 210 of the Plant Variety Protection Act.)  Description of Variety (Request form from Plant Variety Protection Office.)  Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)  Exhibit D, Section 210 of the Plant Variety Protection Act.)  Does The Applicanties of the Basis of Applicant's Ownership.  No Beyond Bereden 210 of the Plant Variety Protection Act.)  No Production Protection Act.  No Protection Act.  Section 32 of the Plant Variety Protection Act.  No Protection Act.  Applicant(s) declare(s) that a viable sample of basis seeds of this variety will be furnished with the application and will be repleashed upon request in accordance with such regulations as may be applicable.  Applicant(s) declare(s) that a viable sample of basis seeds of this variety will be fu	4. ADDRESS (Street and No. or R.F.D. No., City, Sta	te, and Zip Code)	5. PHONE (Include area code)			
B. KIND NAME  Soybean  November 1977  10. If the applicant named is not a "person," give form of organization (Corporation partnership, association, etc.)  Corporation  11. If incorporated, give state of incorporation  Delaware  13. Name and address of applicant representative(s), if any, to serve in this application and receive all papers  Harry B. Collins  Delta and Pine Land Company  Scott, Mississippi 38772  Phone (Include area code):  14. CHECK appropriate Box for a Each attachment submitted  B. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)  Exhibit B, Novelty Statement.  E. Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)  E. Exhibit B, Destine Applicant(s) Species That's Description of Variety  E. Exhibit C, Objective Description of Variety  E. Exhibit B, Statement of the Basis of Applicant's Ownership.  E. OES THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY NAME ONLY AS A CLASS OF CERTIFIED  SECOY (See Section 83/a) of the Plant Variety Protection Act.)  This variety was first sold in the United States on Production and Tobelow No  19. Has the Variety Was first sold in the United States on Production and Willey Protection and Will be replicant(s) because and dates of March 22, 1985. It has only been sold in the United States on Name of Warley and the Plant Variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection and result in penalties.  Applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the applicati	Scott, Mississippi 387	72	601-742-3351			
Soybean  November 1977  November 1977  November 1977  Corporation  11. If Incorporation, escolation, etc.)  Corporation  11. If Incorporation, speciation, etc.)  Corporation  11. If Incorporation, speciation, etc.)  Corporation  11. If Incorporation  12. Date of precentary and preceding the preceding partnership, secolation, etc.)  Delawarc  13. Amms and point Land Company  Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  a. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)  b. Destribit C, Objective Description of Variety, (Request form from Plant Variety Protection Office.)  Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  Exhibit D, Statement of the Basis of Applicant's Ownership.  10. DOES THE APPLICANTES SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section \$1/a) of the Plant Variety Protection Act.)	6. GENUS AND SPECIES NAME	7. FAMILY NA	ME (Botanical)	1 7 / /		
South and the south of the state of the stat	Glycine max	Legumi	nosae	TIME TIME		
November 1977  10. If the Applicant Named Is Not a "Person," give form of Organization (Corporation, partnership, association, etc.)  Corporation  11. If incorporation  12. Days of incorporation  Delaware  13. Name and paine Land Company  Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  a. Exhibit A, Origin and Breeding, History of the Variety (See Section 52 of the Plant Variety Protection Act.)  b. Deshibit B, Novelty Statement, Exhibit C, Objective Description of Variety, (Request form from Plant Variety Protection Office.)  Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  Exhibit D, Statement of the Basis of Applicant's Ownership.  15. DOES THE APPLICANTES SPECIFY THAT THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section \$3/a) of the Plant Variety Protection Act.)  16. DOES THE APPLICANTES SPECIFY THAT THIS VARIETY BE SEVEND BREEDER SEED?  17. See This Does The APPLICANTES SPECIFY THAT THIS VARIETY BE SEVEND BREEDER SEED?  18. DOES THE APPLICANTES SPECIFY THAT THIS VARIETY BE SEVEND BREEDER SEED?  19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S.?  This variety was first sold in the United States on Serving Se	8 KIND NAME	ļ				
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COrporation  11. If incorporation  12. Date   Date   Land				Moember 18, 1985		
11. IF INCORPORATED, GIVE STATE OF INCORPORATION  Delaware  12. Date of Incorporation  Delaware  13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS  Harry B. Collins  Delta and Pine Land Company  Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  a. Exhibit B, Novelry Statement.  b. Exhibit B, Novelry Statement.  c. Exhibit C, Objective Description of Variety, (See Section 52 of the Plant Variety Protection Act.)  b. Exhibit D, Additional Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit C, Objective Description of Variety,  c. Exhibit D, Additional Description of Variety,  c. Exhibit C, Objective Description of Variety,  d. Exhibit C, Objective Description of Variety,  c. Exhibit C, Objective Description of Variety,  d. Exhibit C, Objective Desc	10. IF THE APPLICANT NAMED IS NOT A "PERSO partnership, association, etc.)	N," GIVE FORM	OF ORGANIZATION (Corporation,			
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Delaware 12. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS HARTY B. Collins Delta and Pine Land Company Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED a. D. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.) b. D. Exhibit B, Novelty Statement. c. D. Exhibit C, Objective Description of Variety, (Request form from Plant Variety Protection Office.) d. D. Exhibit D, Additional Description of Variety, (Request form from Plant Variety Protection Office.) d. D. Exhibit B, Statement of the Basis of Applicant's Ownership.  15. DOES THE APPLICANT(S) SPECIETY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.)   Vers. (If "Yes," answer items 16 and 17 below)    No.  16. DOES THE APPLICANT(S) SPECIETY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? \[ \text{Yes}   \qua				DATE		
Delaware  13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Harry B. Collins  Delta and Pine Land Company  Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  a. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)  b. Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form Plant Variety Protection Office.)  SEEO? (See Section 83(a) of the Plant Variety Protection Act.)  Ves (If "Yes," answer items 16 and 17 below)  Exhibit D, No DESTHE APPLICANT(S) SPECIPY THAT THIS VARIETY BE  LIMITED AS TO NUMBER OF GENERATIONS?  To ITEM 16, WHICH CLASSES OF PRODUCTION  Exhibit D, No DESTHE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  Yes (If "Yes," give names of countries and dates)  Exhibit D, No Destription Act.  The APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  This Variety was first sold in the United States on Production and will be replemished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this se				July 23, 1986		
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Harry B. Collins  Delta and Pine Land Company  Scott, Mississippi 38772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED  a. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)  b. D. Exhibit B, Novelty Statement.  c. Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit B, Statement of the Basis of Applicant's Ownership.  15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section \$3/a) of the Plant Variety Protection Act.)		DRATION		12. DATE OF NCORPORATION		
Delta and Pine Land Company Scott, Mississippi 38.772  PHONE (Include area code):  14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED a. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.) b. Exhibit B, Novelty Statement. c. Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.) d. Exhibit C, Objective Description of Variety. e. Exhibit C, Statement of the Basis of Applicant's Ownership.  16. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 33(a) of the Plant Variety Protection Act.)  16. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 33(a) of the Plant Variety Protection Act.)  17. IF "YES." TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BRIEDER SEED?  18. Ves No Proundation Registered Certified  19. HAS THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?  This variety was first sold in the United States on See States.  19. No  19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?  This variety was first sold in the United States on See See See See See See See See See Se	Delaware			ATION AND DECENTE ALL BARERS		
c. Exhibit C, Objective Description of Variety (Request form from Plant Variety Protection Office.)  d. Exhibit D, Additional Description of Variety.  e. Exhibit E, Statement of the Basis of Applicant's Ownership.  15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83/a) of the Plant Variety Protection Act.)  16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE SET ONLY SEED OF THE APPLICANT (S) SPECIFY THAT THIS VARIETY BE SET ONLY SEED OF THE APPLICANT (S) SPECIFY THAT THIS VARIETY BE SET ONLY SEED OF THE APPLICANT (S) SPECIFY THAT THIS VARIETY BE SET ONLY SEED OF THE APPLICANT (S) SPECIFY THAT THIS VARIETY BE SET ONLY SEED OF THE APPLICANT (S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  Yes (If "Yes," give date)  INDUITE APPLICANT (S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  Yes (If "Yes," give date)  INDUITE APPLICANT (S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?  This variety was first sold in the United States on Set of countries and dates)  March 22, 1985. It has only been sold in the United No  20. The applicant (s) declare (s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant (s) is (are) the owner (s) of this sexually reproduced novel plant variety, and believe (s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant (s) is (are) informed that take representation herein can jeopardize protection and result in penalties.	Scott, Mississippi 3877.  14. CHECK APPROPRIATE BOX FOR EACH ATTAG  a. Exhibit A, Origin and Breeding History of	CHMENT SUBMIT	TTED			
d. Exhibit D, Additional Description of Variety. e. Exhibit E, Statement of the Basis of Applicant's Ownership.  15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.)  16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?  17. If "Yes," answer items 16 and 17 below)  18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?  This variety was first sold in the United States on Sarch 22, 1985. It has only been sold in the United States.  20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that take representation herein can jeopardize protection and result in penalties.		tv (Request form	from Plant Variety Protection Offi	ce.)		
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Registered   Certified	15. DOES THE APPLICANT(S) SPECIFY THAT SEE	D OF THIS VARI	ETY BE SOLD BY VARIETY NAME	and the second s		
18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?  Yes (If "Yes," give date)    No     19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?  This variety was first sold in the United States on   Yes (If "Yes," give names of countries and dates)  March 22, 1985. It has only been sold in the United   No	16. DOES THE APPLICANT(S) SPECIFY THAT THIS LIMITED AS TO NUMBER OF GENERATIONS?	S VARIETY BE	17. IF "YES" TO ITEM 16, V BEYOND BREEDER SEE	WHICH CLASSES OF PRODUCTION ED?		
This variety was first sold in the United States on States.  March 22, 1985. It has only been sold in the United States on States.  No  10. Has a riety was first sold in the United States on States of countries and dates.  11. No  12. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  12. The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that take representation herein can jeopardize protection and result in penalties.	X Yes No		Foundation	Registered Certified		
19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?  This variety was first sold in the United States on States of countries and dates.  March 22, 1985. It has only been sold in the United States.  20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that take representation herein can jeopardize protection and result in penalties.	18. DID THE APPLICANT(S) PREVIOUSLY FILE	FOR PROTECTI	ION OF THE VARIETY IN THE U	.S.? Yes (If "Yes," give date)		
This variety was first sold in the United States on  March 22, 1985. It has only been sold in the United  States.  No  The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.  The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.  Applicant(s) is (are) informed that take representation herein can jeopardize protection and result in penalties.						
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	distinct, uniform, and stable as required in Se	ner(s) of this sex ection 41, and is	ually reproduced novel plant var s entitled to protection under th	riety, and believe(s) that the variety is e provisions of Section 42 of the Plant		
Travey Delicant 6-4-86	Applicant(s) is (are) informed that false repre	esentation herei	n can jeopardize protection and	result in penalties.		
I vary by the	SIGNATURE OF APPLICANT			DATE G-U-DI		
	I vary of for	<u> </u>		1000		
DATE	SIGNATURE OF APPLICANT			DATE		

FORM LS-470 (3-86)

### EXHIBIT A

### DELTA AND PINE LAND COMPANY'S APPLICATION FOR DELTAPINE 566

### Origin and Breeding History of the Variety

Deltapine 566 originated from the cross N66-1136 x D67-4601. N66-1136 was a North Carolina breeding line. D67-4601 was a breeding line which originated at the Delta Branch Experiment Station at Stoneville, Mississipp. D67-4601 eventually became the variety Tracy. The pedigree method of breeding was employed in selecting this variety. In 1977, an F4 plant row was bulked for yield testing in 1978. Concurrent yield testing and increasing of this line, then known as experimental strain Deltapine 566, was carried out. Observations and rogueing were conducted in subsequent years on each increase generation. Based on these observations, Deltapine 566 is stable for all observable characteristics.

#### EXHIBIT B

### DELTA AND PINE LAND COMPANY'S APPLICATION FOR DELTAPINE 566

### Novelty Statement

Deltapine 566 is most similar to Tracy M. The principle differences between Deltapine 566 and Tracy M are date of maturity and protein content. Deltapine 566 has been an average of four (4) days later than Tracy M in three years of testing in Delta and Pine Land Company replicated field tests in the Mid-South (Table B I). replicated field tests conducted by Mississippi State University at eight (8) locations in 1984, Deltapine 566 (October 14) was an average of eight (8) days later in maturity than Tracy M (October 6). The data for these tests are found in Tables D I 36, D I 37, D I 38, D I 39, D I 40, D I 41, D I 42, and D I 43. In replicated field tests conducted by Louisiana State University at seven (7) locations in 1984, Deltapine 566 (October 13) was an average of nine (9) days later in maturity than Tracy M (October 4). These data are found in Tables <u>D I 44</u>, <u>D I 45</u>, <u>D I 46</u>, <u>D I 47</u>, <u>D I 48</u>, <u>D I 49</u> and <u>D I 50</u>. In replicated field trials conducted by the University of Georgia at five (5) locations in 1984, Deltapine 566 (October 11) was an average of six (6) days later in maturity than Tracy M (October 5). These data are found in Tables <u>D I 51</u>, <u>D I 52</u>, <u>D I 53</u>, <u>D I 54</u> and D I 55.

Deltapine 566 exhibited an average protein content 1.3% higher than Tracy M when seed from replicated tests in different locations and years were analyzed (Table B I).

TABLE B I
AVERAGE DATA FOR 31 TESTS CONDUCTED IN MISSISSIPPI,
LOUISIANA AND TENNESSEE IN 1981, 1982, 1983 and 1984

	Deltapin	e 566	Tracy M	Difference
Flower Color 1/	W		W	None
Pubescence $Color^{2/}$	T		T	None
Plant Height (cm)	88.1		85.6	+2.5
Maturity Date	10-26		10-22	+4
Lodging <sup>3</sup> /	1.3		1.8	-0.5
Metribuzin Reacton $\frac{4}{}$	1.3	Articles of the Control of the Contr	1.9	-0.6
Foliage Color $\frac{5}{}$	2.8		2.6	+0.2
Protein Content(%)	42.2	•	40.9	+1.3
Oil Content(%)	19.9	•	19.6	+0.3
Foliar Feeding Insect Damage	<u>6</u> / 2.0		2.2	-0.2
Stink Bug Damage $\frac{7}{}$	1.0		1.8	-0.8
Weight gm/100 Seed	14.9		15.1	-0.2
Seed Quality Rating 8/	2.0	. *	2.2	-0.2
Seed Coat Luster 9/	4.1	•	4.3	-0.2
Seed Coat Color 10/	3.8		4.1	-0.3
Hilum Color	<b>B</b> 1		В1	None
1/ P = Purple W = White			No Feeding Completely	g Skeletonized
$\frac{2}{\text{G}} = \text{Tawny}$ $\text{G} = \text{Gray}$			No Seed Da Severe See	
3/ 1 = No Lodging 5 = Severe Lodging			Very Good Very Poor	
$\frac{4}{5}$ = Very Tolerant 5 = Plants Killed			Very Shiny Very Dull	
$\frac{5}{5}$ / 1 = Very Light Green 5 = Very Dark Green	1		Deep Yello Light Yell	the second secon

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE LIVESTOCK, POULTRY, GRAIN & SEED DIVISION BELTSVILLE, MARYLAND 20765

EXHIBIT C (Soybean)

## OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (GLYCINE MAX)

INSTRUCTIONS: See Reverse. SOYBEAN (GLYCINE MAX)		
NAME OF APPLICANT(S)	FOR OFFICIAL USE ONLY	
Delta and Pine Land Company  ADDRESS (Street and No., or R.F.D. No.; City, State, and ZIP Code)	PVPO NUMBER	
ADDRESS (Street and No., of R.F.D. No.; City, State, and ZIP Code)	8600023	
Scott, Mississippi 38772	VARIETY NAME OR TEMPORARY DESIGNATION	
booto, mississippi borra	DELITAPINE 566 R/S	
Place the appropriate number that describes the varietal character of this variet	y in the boxes below.	
1. SEED SHAPE:		
1 = SPHERICAL 2 = SPHERICAL 3 = ELONGATE 4 = OTHER	(Specity)	
2. SEED COAT COLOR:	SHADE	
1 = YELLOW 2 = GREEN 3 = BROWN 4 = BLACK   5 = OTHER (Specify)	1 1 = LIGHT 2 = MEDIUM 3 = DARK	
3. SEED COAT LUSTER: 4. SEED SIZE		
1 1 = DULL 2 = SHINY 1 5 GRAMS PEI	100 SEEDS	
5. HILUM COLOR:	SHADE:	
1 = BUFF 2 = YELLOW 3 = BROWN 4 = GRAY 5 = IMPERFECT		
6 BLACK 7 = OTHER (Specify)	2 1 = LIGHT 2 = MEDIUM 3 = DARK	
4. COTYLEDON COLOR: 7. LEAFLET SIZE (5	ee Reverse):	
1 1 = YELLOW 2 = GREEN 2 1 = SMALL	2 = MEDIUM 3 = LARGE	
8. LEAFLET SHAPE:		
1 = OVATE 2 = OBLONG 3 = LANCEOLATE 4 = ELLIPTICAL 5 =	OTHER (Specify)	
9. LEAF COLOR (See reverse):	10. FLOWER COLOR:	
2 1 = LIGHT GREEN 2 = MEDIUM GREEN 3 = DARK GREEN	1 = WHITE 2 = PURPLE 3 = OTHER (Specify)	
11. POD COLOR:		
1 1 = TAN 2 = BROWN 3 = BLACK 1 1 = SCATTER	RED 2 = CONCENTRATED	
13. PLANT PUBESCENCE COLOR:	SHADE	
2 1 = GRAY 2 = BROWN 3 = OTHER (Specify)	2 1 = LIGHT 2 = MEDIUM 3 = DARK	
14. PLANT TYPES (See Reverse):		
2 1 = SLENDER 2 = BUSHY 3 = INTERMEDIATE 1 = DETERMINE 3 = OTHER (S	NATE 2 = INDETERMINATE	
16. HYPOCOTYL COLOR: 17. SEED PROTEIM:		
1 1 = GREEN 2 = PURPLE	? = p	
18. NUMBER OF DAYS TO FLOWERING 19. MATURITY GROUP:	1	
(Place a zero in first box (e.g. 0 9 ) when days are 9 or less.)  8 6 =   V 7 = V 8 = V	4 ± 11 5 ± 111 9 = ∨11 10 = ∨111	
26. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTANT LIGHT (Growth Chamber) AT		
(e.g. 0 2) when size is 9 mm. or less.)  MM. LENGTH  MM. LENGTH	MM. WIDTH	
OF SEEDLING - OF COTYLEDON -	OF COTYLEDON	
21. DISEASE: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resistant)		
O BACTERIAL 1 SOYBEAN O DOWNY 2 PURPLE 2 STAIN	POD AND O ROOT KNOT	
O FROGEYE 2 STEM 2 PHYTO- D BROWN O STEM ROT	TARGET O BROWN SPOT	
O BLIGHT O WILDFIRE O RHIZOCTONIA O OTHER (Specity)		
FORM LPGS-470-2 (1-81) (Edition of 5-78, may be used.)		

NDICATE WHICH	VARIETY MOST CLOSELY RESEMBLES THA	T SUBMITTED.	
CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant shape	Tracy M	Petiole angle	Tracy M
Leaf shape	Tracy M	Seed size	Tracy M
Leaf color	Tracv M	Seed shape	Tracy M
Leaf surface	Tracy M	Seedling pigmentation	Tracy M

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY:

	NO. OF DAYS	LODGING	PLANT	LEAF	SIZE	CON	TENT	AVERAGE NO.	IONINE NO
VARIETY	TO MATURITY		HEIGHT	Width	Length	Protein	Oil	OF PODS PER PLANT	IODINE NO.
Submitted	10-26	1.3	88.1	_		42.2	19.9%	_	_
Name of similar variety	10-22	1.8	85.6	_	_	40.9	19.6		

### INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for completing this form:

- 1. Scott, Walter O. and Samuel R. Aldrich, 1970, Modern Soybean Production, The Farmer Quarterly.
- 2. Norman, A. G., 1963, The Soybean: Genetics, Breeding, Physiology, Nutrition, Management.
- 3. McKie, J. W., and K. L. Anderson, 1970, The Soybean Book.

LEAF COLOR: Nickerson's or any recognized color fan may be used to determine the leaf color of the described variety. The following Soybean varieties may be used as a guide to identify the colors listed on the form.

COLOR	VARIETY
Light Green	''Ada''
Medium Green	"Wilkin"
Dark Green	"Swift"

LEAF SIZE: The following varieties may be used as a guide to identify the relative size leaves.

SIZE	ers of the engine call	VARIETY
Small		"Amsoy"
Medium		"Bonus"
Large		''Anoka''

PLANT TYPE: The following varieties may be used as a guide to identify the plant type.

TYPE	4. 4. 4.	VARIETY
Slender		"Vansoy"
Intermediate		"Wirth"
Bushy		"Adelphia"

### EXHIBIT D

### DELTA AND PINE LAND COMPANY'S APPLICATION FOR DELTAPINE 566

### Additional Description of the Variety

Deltapine 566 is a group VI maturity soybean variety which matures at least four days later than Tracy M. In some locations, the period between the time of maturity of Tracy M and that of Deltapine 566 can be even longer. Deltapine 566 has white flowers, a tawny pubescence and a tan pod wall. The leaves of Deltapine 566 are elliptical in shape. The foliage color of Deltapine 566 is medium green and very similar to that of Tracy M. The seed coat is quite dull and the seed coat color is light yellow. The hilum color is black. seed of Deltapine 566 (3,047 seed per pound) is similar to Tracy M (3,007 seed per pound) in size. Deltapine 566 is higher in protein content (42.2%) than Tracy M (40.9%). Deltapine 566 (19.9%) is similar in oil content to Tracy M (19.6%). Deltapine 566 exhibits hypocotyl resistance to races 1 and 2 of Phytophthora megasperma which causes Phytophthora root rot. Deltapine 566 is resistant to Diaporthe phaseolorum var. caulivora which causes stem canker (Table D I 57). Deltapine 566 (88.1 cm) is similar in height to Tracy M (85.6 cm).

As stated above, Deltapine 566 has white flowers. Deltapine 566 has up to one (1) plant with purple flowers in 700 plants. Deltapine 566 has a tawny pubescence with up to one (1) plant with gray pubescence in 700 plants. Deltapine 566 has a black hilum with no more than one (1) seed in 700 with a color other than black.

### EXHIBIT E

### DELTA AND PINE LAND COMPANY'S APPLICATION FOR DELTAPINE 566

### Statement of Basis of Applicant's Ownership

Delta and Pine Land Company owns the variety Deltapine 566 as this variety was developed by Delta and Pine Land Company. The cross was made by Delta and Pine Land Company personnel and subsequent selection and testing which led to the decision to release Deltapine 566 were conducted by personnel of Delta and Pine Land Company.